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| IN | IFORMATION E | DISCL | .OSURE | Application Number | 10/511,436 | |
| S | TATEMENT BY | ' APP | LICANT | Filing Date | 04/28/2003 | |
| Doto | Submitted: Nov | vomb | or 10, 2009 | First Named Inventor | Kazuo KOBAYASHI et al. | |
| Date | Submitted. No | venibe | 31 10, 2006 | Art Unit | 1636 | |
| (use | as many sheet | ts as i | necessary) | Examiner Name | Nancy Treptow Vogel | |
| Sheet | 1 | of | 2 | Attorney Docket Number | 081356-0224 | |

| U.S. PATENT DOCUMENTS | | | | | | |
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| Examiner Initials* | Cite | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant | |
| | No. ¹ | Number-Kind Code ² (if known) | | | Passages or Relevant Figures Appear | |
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| UNPUBLISHED U.S. PATENT APPLICATION DOCUMENTS | | | | | | | |
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| Examiner Initials* | Cite No. ¹ | U.S. Patent Application Document Serial Number-Kind Code ² (if known) Filing Date Cited Document MM-DD-YY | | Name of Patentee or Applicant of Cited Document Pages, Columns, Line Relevant Passages or Rel Figures Appe | | | |
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| | FOREIGN PATENT DOCUMENTS | | | | | | | |
|-----------------------|--------------------------|--|--------------------------------|---|--|----|--|--|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (<i>if known</i>) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Documents | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T° | | |
| | D1 | EP - 0 173 378 | 03-05-1989 | UNILEVER PLC | | | | |
| | D2 | EP - 0 314 096 | 05-03-1989 | ZYMOGENETICS INC. | | | | |
| | D3 | WO - 92/17595 | 10-15-1992 | THE SALK INSTITUTE BIOTECHNO- | | | | |
| | | | | LOQY/INDUSTRIAL ASSOCIATES, INC. | | | | |
| | D4 | JP - 09-003097 | 01-07-1997 | THE GREEN CROSS CORP. | | | | |
| | D5 | WO – 98/14600 | 04-09-1998 | CENTRO DE INGENIERIA | | | | |
| | | | | GENETICA Y BIOTECNOLOGIA | | | | |
| | D6 | WO - 00/14259 | 03-16-2000 | KIRIN BREWERY CO., LTD. | | | | |
| | D7 | WO - 00/78978 | 12-28-2000 | ZYMOGENETICS INC. | | | | |
| | D8 | WO - 02/00856 | 01-03-2002 | FLANDERS INTERUNIVERSITY | | | | |
| | | | | INSTITUTE FOR BIOTECHNOLOGY | | | | |
| | D9 | WO - 02/00879 | 01-03-2002 | GLVCOFI INC | | | | |

| NON PATENT LITERATURE DOCUMENTS | | | | | | |
|--|-----|--|--|--|--|--|
| Examiner Initials* Cite No.1 Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or coun where published. | | | | | | |
| | D10 | International Search Report of PCT/JP03/05464. | | | | |
| | D11 | AZARYAN et al., "Purification and Characterization of a Paired Basic Residue-Specific Yeast Aspartic Protease Encoded by the YAP3 Gene," The Journal of Biological Chemistry, 1993, Vol. 268, No. 16, pp. 11968-11975. | | | | |

| Examiner Signature | Date Considered | |
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

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| | ··· | NON PATENT LITERATURE DOCUMENTS | |
|-----------------------|--------------|---|---|
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| | D12 | BUURMAN et al., "Molecular Analysis of CaMnt1p, a Mannosyl Transferase Important for Adhesion and Virulence of Candida Albicans," Proc. Natl. Sci. USA, June 1998, Vol. 95, pp. 7670-7675. | |
| | D13 | CASANO et al., "Cloning and Sequence Analysis of the Pichia Pastoris TRP1, IPP1 and HIS 3 Genes," Yeast, 1998, Vol. 14, pp. 861-867. | |
| | D14 | KOMAN0 et al., "Shared Functions in vivo of a Glycosyl-Phosphatidylinositol-Linked Aspartyl Protease, Mkc7, and the Proprotein Processing Protease Kex2 in Yeast," Proc. Natl. Acad. Sci. USA, 1995, Vol. 92, pp. 10752-10756. | |
| | D15 | LEDEBOER et al., "Molecular Cloning and Characterization of a Gene Coding for Methanol Oxidase in Hansenula Polymorpha," Nucleic Acids Research, 1985, Vol. 13, No. 9, pp. 3063-3082. | |
| | D16 | NISHIYA et al., "Primary Structure of ADE1 Gene from Candida Utilis," Bioscience Biotechnology and Biochemistry, 1994, Vol. 58, No. 1, pp. 208-210. | |
| | D17 | SAKAI et al., "Directed Mutagenesis in an Asporogenous Methylotrophic Yeast: Cloning, Sequencing and One-Stop Gene Disruption of the 3-Isopropylmalate Dehydrogenase Gene (LEU2) of Canadida boidinii to Device Doubly Auxotrophic Marker Strains," Journal of Bacteriology, 1992, Vol. 174, No. 18, pp. 5988-5993. | |
| | D18 | SAKAI et al., "The Orotidine-5'-Phosphate Decarboxylase Gene (URA3) of a Methylotrophic Yeast, Candida boidinii: Nucleotide Sequence and Its Expression in Escherichia coli", Journal of Fermentation and Bioengineering, 1992, Vol. 73, No. 4, pgs. 255-260. | |
| | D19 | YAMADA et al., "The Phylogenetic Relationships of Methanol-Assimilating Yeasts Based on the Partial Sequences of 18S and 25S Ribosomal RNAs: The Proposal of Komagataella Gen. Nov. (Saccharomycetaceae)," Vol. 59, No. 3, pp. 439-444. | |
| | D20 | YANG et al., "High-Efficiency Transformation of Pichia Stipitis Based on Its URA3 Gene and a Homologous Autonomous Replication Sequence, ARS2," Applied and Environmental Microbiology, 1994, Vol. 60, No. 12, pp. 4245-4254. | |
| | D21 | ZHANG et al., "LEU2 Gene Homolog in Kluyveromyces Lactis," Yeast 1992, Vol. 8, pp. 801-804. | |
| | | | |

| Examiner | Date | |
|-----------|------------|--|
| Signature | Considered | |

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